SOLUBILITY PRODUCT CALCULATIONS

1. The solubility of silver chloride, AgCl, at 298 K is 1.34 x 10^{-5} mol dm^{-3}. Calculate its solubility product at that temperature.

2. The solubility of strontium hydroxide, $Sr(OH)_2$, at 298 K is 0.0431 mol dm^{-3}. Calculate its solubility product at that temperature.

3. The solubility product of strontium carbonate, $SrCO_3$, at 298 K is 1.10 x 10^{-10} mol^2 dm^{-6}. Calculate its solubility in mol dm^{-3} at this temperature.

4. The solubility product of calcium phosphate, $Ca_3(PO_4)_2$, at 298 K is 1.0 x 10^{-26} mol^5 dm^{-15}. Calculate its solubility in mol dm^{-3} at this temperature.